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A Professional Corporation

**Fax Transmission** | December 9, 2004TO: Commissioner for Patents  
Attn: Examiner Brian K. Young  
P.O. Box 1450  
Alexandria, VA 22313-1450

FROM: Timothy P. Sullivan

OUR REF: 50019.230US01/P05583

Total pages, including cover letter: 2

PTO FAX NUMBER 1-703-872-9306

If you do NOT receive all of the pages, please telephone us at 206.342.6200, or fax us at 206.342.6201.

Title of Document Transmitted: Transmittal (+copy); Amendment  
Applicant: Perry Scott Lorenz  
Serial No.: 10/618,490  
Filed: July 11, 2003  
Group Art Unit: 2819  
Our Ref. No.: 50019.230US01/P05583  
Confirmation No. 5411

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: [Signature]  
Name: Timothy P. Sullivan  
Reg. No.: 47,981

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Tracy GutscherSignature [Signature]Date 12-9-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Perry Scott Lorenz	Examiner:	Brian K. Young
Serial No.:	10/618,490	Group Art Unit:	2819
Filed:	July 11, 2003	Docket:	50019.230US01/P05583
Confirmation No.:	5411	Due Date:	December 9, 2004
Title:	THERMOSTAT WITH RESISTOR-TO-DIGITAL-CONVERTER CONTROL OF TRIP POINT		

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this correspondence is being sent via facsimile to (703) 872-9306, Mail Stop Amendment, Commissioner for Patents, Attn: Examiner Brian K. Young, P.O. Box 1450, Alexandria, VA 22313-1450 on December 9, 2004.

By:   
Name: Tracy Gulscher

Mail Stop Amendment  
Commissioner for Patents  
Attn: Examiner Brian K. Young  
P.O. Box 1450  
Alexandria, VA 22313-1450

**23552**

PATENT TRADEMARK OFFICE

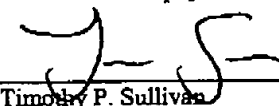
Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate Under 37 CFR 1.6(d)  
☒ Amendment

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
206.342.6200

By:   
Name: Timothy P. Sullivan  
Reg. No.: 47,981  
TPS:tg

(PTO TRANSMITTAL - GENERAL)

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PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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By:

Name: Tracy Gurscher

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
Attn: Examiner Brian K. Young  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action of September 9, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.